

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: apatel

Parameter: TOC

Supervisor Review By: AMANDEEP

Run Number: LB89465

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP54923
0.5N Ferrous Sulfate Solution for WB	WP54922
Ferroin Indicator-0.025M, 120ML	W2125

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (mL)
1	10.00	1.00	20.20	0.50	0.399	0.50
2	10.00	1.00	20.00	0.50	0.399	

$$\text{FeSO4 (N)} = \frac{[\text{K2Cr2O7 (mL)} * \text{K2Cr2O7 (N)}]}{\text{FeSO4 (mL)}}$$

Seq	LabID	ClientID	TrueVal (mL/g)	DL	Sample Wt (ml)	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 Initial	FeSO4 Final	FeSO4 Diff	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB89465BL	LB89465BL		1	0.12	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	08/16/2017	16:02
2	LB89465BS	LB89465BS	470000	1	0.05	10.00	1.00	0.00	7.80	7.80	0.50	48.68	486780	08/16/2017	16:09
3	I4782-01	B-13 (0-10) COMP		1	0.28	10.00	1.00	0.00	14.40	14.40	0.50	3.99	39900	08/16/2017	16:16
4	I4782-02	B-14 (0-10) COMP		1	0.61	10.00	1.00	0.00	15.20	15.20	0.50	1.57	15698	08/16/2017	16:23
5	I4782-02DUP	B-14 (0-10) COMPDUP		1	1.02	10.00	1.00	0.00	11.80	11.80	0.50	1.60	16038	08/16/2017	16:34

% TOC = $\frac{[\text{K2Cr2O7 (ml)} * \text{K2Cr2O7 (N)}] - [\text{FeSO4 Diff (mL)} * \text{FeSO4 (N)}]}{\text{Sample Wt}}$ * Constant

Sample Wt

Toc, PPM = % TOC * 10000

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC081517

WorkList ID : 101873

Date : 8/14/2017 3:13:35 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Solid	I4782-01	TOC	Cool 4 deg C	WSP001	L11	B-13(0-10)COMP	08/07/2017	Walkley Black
	Solid	I4782-02	TOC	Cool 4 deg C	WSP001	L11	B-14(0-10)COMP	08/07/2017	Walkley Black

Date/Time 8/15/17 3:30 PM
 Received by: AB
 Relinquished by: AB

Date/Time 8/15/17 4:15 PM
 Received by: AB
 Relinquished by: AB